



ROBOTIC CART

THOUZER

THOUZER-BASIC

EASY IMPLEMENTATION

Affordable price,
Minimum training time,
Fast deployment time

INDOOR & OUTDOOR

Bumps and slope,
Rugged terrain
IPX2 Rating

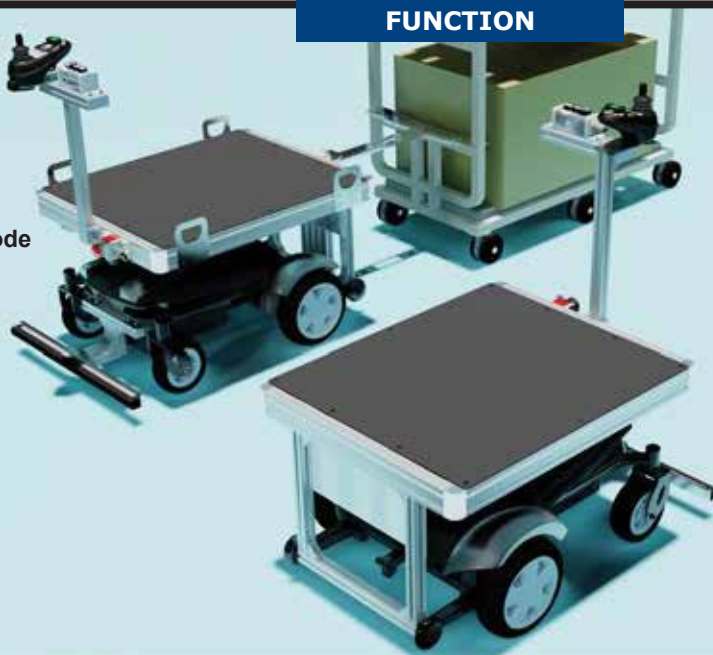
ADAPTABILITY

Able to handle dynamic
uncertain environments

NAVIGATION FUNCTION

Memory Trace® Mode

- *Autonomous Navigation*
- *Programming and Wi-Fi not required*
- *Easy to setup*



Follow Me Mode

- *One Button Activation*
- *Convoy Mode*
- *Obstacles Avoidance*



MEMORY TRACE®

MEMORISE ROUTE

With just a press of button, without using any complicated software, Thouzer Basic can memorise the route easily.

No Engineer required to do site mapping, cutting cost and lead time substantially.

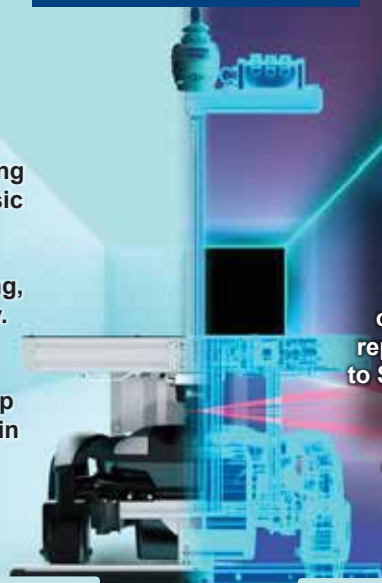
Thouzer Basic can memorise up to 5 routes. Featuring reverse playback, loop function, and timed pause at any point in the route.

PLAYBACK ROUTE

Thouzer Basic playbacks the route by taking in the characteristic of its memorised surrounding.

Drastic changes in environment can be overcome simply by having the operator repeat the memorise process, as opposed to SLAM, which requires engineer support, longer time and is costly.

Adaptable to any dynamic environment.



Multiple Routes



Loop Function



Reverse Playback



Timed Pause

PRODUCT SPECIFICATION

| | | | |
|------------------------------------|-----------------------------|----------------------|---|
| DIMENSIONS | Robot Dimension | | 600mm (W) x 950mm (L) |
| | Loading Platform | | 600mm (W) x 750mm (L) |
| | Platform Height | | 455mm |
| PAYLOAD | Payload | | 120 kg |
| | Towing Capacity ※ | | 300 kg |
| SPEED & MANEUVERABILITY | Max Speed | | 7.5 km/h |
| | Minimum Radius of Rotation | | ~0.72 meter |
| | Maximum Slope Gradient | | 6 Degree (With Full Load) |
| NAVIGATION FUNCTIONS | Follow-Me | Availability | ✓ |
| | | Memory Trace® | ✓ |
| | Line Trace | Number of Routes | 5 |
| | | Availability | N/A |
| | | Highway Availability | N/A |
| POWER | Battery | | Lead Acid Type (2x 12V 34Ah) |
| | Battery Run Time (Distance) | | Up to 20 km (Full Charge) |
| | Charging Time | | Approximately up to 8 Hours (0% - 100%) |
| PROTECTION | IP Class | | IPX2 |
| SENSOR & SAFETY SYSTEM | Sensor (Class 1 safety) | Range | Maximum Distance (30m) Height (33cm) FOV (320°) |
| | Safety Components | | Emergency Stop Button (Front), Bumper Switch, Alarm Device (Sound) Indicator Light (Optional) |
| EXTERNAL SYSTEM INTEGRATION | Wi-Fi Communication | | N/A (only for maintenance) |
| | I/O Terminal | | N/A |
| | API for System Integration | | N/A |

Included Accessories

Towing Metal Bracket



Towing Jig



Fall Prevention Plate Set (4 Pcs)



On-Board Charging Cable



※ Please refer to product manual for safe use

Build Your Application on top of BASIC

Carton Box Transportation with Towing Cart (Logistics)



UV-C Light (Disinfection)



Roll Cage (Linen, Logistics)

